

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99	("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:27
L2	99	L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:27
L3	9	2 and quantum near4 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:28
S1	1057	quantum near4 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:59
S2	237755	correct\$4 near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 13:59
S3	310753	probability near4 information or probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:00
S4	7785	measur\$7 near4 photon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:00

## EAST Search History

S5	1530	quantum near4 communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:01
S6	482358	transmission near4 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:01
S7	19	S1 and S2 and S3 and S4 and S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:02
S8	17	S7 and error near4 correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:02
S9	3	S8 and (first and second) near4 parity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:03
S10	2065	714/758.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:12
S11	3	S10 and quantum near4 key same error near4 correct\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:14
S12	294	S1 and (first and second) same error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:16
S13	3	S12 and S12 and (first and second) near4 parity near4 check	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:17
S14	3	S12 and S12 and (first and second) near4 parity near4 check same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:17

## EAST Search History

S15	5	S1 and third near4 parity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:18
S16	4570	coding near4 rate near4 low\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:18
S17	2	S1 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:18
S18	20	discard\$4 same information same open\$4 same error near4 correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:20
S19	4	S18 and quantum near5 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:20
S20	41	S1 and error same encryption near5 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:21
S21	16	S20 and matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:22
S22	3	S21 and bipartite near4 graph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:22
S23	1	optimiz\$4 same order near4 allocation same weight near4 row	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:24
S24	1	S1 and Euclidian near4 code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:31

## EAST Search History

S25	0	(reception or receiver or transceiver) same connect\$4 same error same probability same quantum same communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:33
S26	0	(reception or receiver or transceiver) same connect\$4 same error same probability same quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:34
S27	0	(quantum error correct\$4 probability photon transmission\$5 reception\$5 encryption\$4 discard\$4 set\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:38
S28	0	(quantum error correct\$4 probability photon transmission\$5 reception\$5 encryption\$4 discard\$4 set\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:38
S29	99	("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:53
S30	2	S18 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:54
S34	7100	(714/758,780,755,752,753,763,801,800, 757,761).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:01

## EAST Search History

S35	294	S1 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:01
S36	99	S35 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:02
S37	2	S18 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 15:02
S38	884758	Wataru near4 Matsumoto or Mitsubishi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:01
S39	99	("20080222487" "20060107181" "7461323" "20060059403" "20060262925" "20080144833" "20060150061" "20070058676" "4569052" "7188281" "20020042899" "20030140300" "20040168112" "20050235191" "20050235195" "20070198890" "20080022191" "20080028274" "20080126908" "20080244353" "20050152408" "4077028" "6779148" "20010025359" "20030014716" "5333143" "6543023" "6691278" "7055090" "20020133778" "20040123228" "20070294607" "3648239" "3766521" "3868632" "3896416" RE30187 "4358848" "4476562" "4477903" "4491943" "4593395" "4617664" "4653051" "4775979" "4862463" "5134618" "5247523" "5457702" "5511078" ).pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:02
S40	1057	quantum near4 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S41	237755	correct\$4 near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03

## EAST Search History

S42	310753	probability near4 information or probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S43	7785	measur\$7 near4 photon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S44	1530	quantum near4 communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S45	482358	transmission near4 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S46	19	S40 and S41 and S42 and S43 and S44 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S47	17	S46 and error near4 correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S48	4	S38 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 18:03
S49	1057	quantum near4 key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S50	237755	correct\$4 near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S51	310753	probability near4 information or probability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25

## EAST Search History

S52	7785	measur\$7 near4 photon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S53	1530	quantum near4 communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S54	482358	transmission near4 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S55	19	S49 and S50 and S51 and S52 and S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S56	17	S55 and error near4 correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S57	17	S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/16 17:25
S58	0	(quantum key correct\$4 error reception data probability information photon quantum communication error-correction-information transmission-side reception-side encryption-key discard\$4 setting).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/20 20:26
S59	889993	Wataru near4 Matsumoto or Mitsubishi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 10:58
S60	889993	S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 10:58
S61	7281	(714/758,780,755,752,753,763,801,800,757,761).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 10:59

## EAST Search History

S62	7281	S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 10:59
S63	101353	"713"/("150,189").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 10:59
S64	0	(quantum error correct\$4 probability photon transmission\$5 reception\$5 encryption\$4 discard\$4 set\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/10 11:01
S65	0	S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:01
S66	1	(quantum correct\$4 error probability photon transmission error correction information coding rate).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/10 11:07